

Runway 13R-31L Rehabilitation Project

Airport Gears Up for Runway Rehabilitation Project

As crews are nearing completion of the Runway Safety Area Project, King County International Airport (KCIA) staff are shifting focus to the next major facility upgrade: Rehabilitation of Runway 13R - 31L and Taxiway Bravo.

In May 2005, KCIA received FAA funding commitment for this project. W&H Pacific has recently been selected to provide consulting services for runway and

A project Open House has been scheduled to provide a project overview and begin tenant coordination. The Open House will occur on Thursday, July 28th, 9:00 - 11:00 a.m. and 5:00 - 7:00 p.m., to accomodate various business schedules.

Project staff looks forward to speaking with airport tenants and users about anticipated impacts and lessons learned from current construction. You can bring



taxiway rehabilitation, which is expected to begin in spring 2006.

During late summer and fall of 2005, W&H Pacific will prepare a construction phasing plan. To create the phasing plan, project staff requests that all airport tenants and users complete the enclosed questionnaire about operational needs. This information will aid the project team in preparing a construction schedule that minimizes impacts to tenants.

your completed survey and drop it off at the Open House, or fill it out while you're there. If you can't make it to the Open House, please mail the enclosed questionnaire by August 19, 2005.

We look forward to seeing you on the 28th!



Join us at an Open House to learn more about the project and inform us of your needs during construction.

WHEN:
July 28, 2005
9:00 - 11:00 a.m.
&
5:00 - 7:00 p.m.

WHERE:
Arrivals Building Lobby
7299 Perimeter Rd S.

SEE YOU THERE!

Contact Information

Contact Rita Creighton or Yvonne Kraus if you have questions about this project:

Rita Creighton
206.296.7431
rita.creighton@metrokc.gov

Yvonne Kraus
206-269-0229 ext.12
yvonne@na-company.com

King County International Airport
Attn: Rita Creighton
P.O. Box 80245
Seattle, WA 98108

Runway 13R-31L Rehabilitation Project



Contact Us:

Call us if you have questions, concerns, or to schedule a meeting with project staff:

Rita Creighton, tenant relations
206.296.7431
rita.creighton@metrokc.gov

Yvonne Kraus, tenant relations
206.269.0229 ext.12
yvonne@na-company.com

How We Will Communicate With You:

Newsletters: Newsletters will be mailed periodically throughout the project.

Open Houses: We look forward to seeing you at the first Open House on July 28, 2005, 9:00 - 11:00 a.m. or 5:00 - 7:00 p.m. in the lobby of the Arrivals Building.

Individual Meetings: To schedule a meeting with project staff, call either Rita Creighton or Yvonne Kraus. Rita can be reached at 296-7431, rita.creighton@metrokc.gov; and Yvonne's contact information is 206-269-0229, yvonne@na-company.com.

Airport Roundtable: We will periodically present progress overviews at the KCIA Roundtable meetings.

Construction Flyers: Once construction gets under way, we will provide frequent construction notices via email and fax.

Website: For weekly project updates, check our website: www.metrokc.gov/airport/

To be removed from our mailing list, call Rita Creighton at 206.296.7431

Project Overview

Project Description

This project includes rehabilitation of King County International Airport's (KCIA) primary runway (Runway 13R-31L) and Bravo Taxiway.

The runway consists of various pavement profiles and was last overlaid with asphalt concrete in 1985. This project will overlay the existing runway, install edge drains, as well as groove and mark the new pavement.

The Bravo Taxiway is the western parallel taxiway and consists of various pavement profiles and was last overlaid with asphalt concrete in 1988. This project includes rehabilitation of connecting taxiways, installing edge drains, re-grading of the taxiway safety areas and marking of the new pavement. (Construction of Taxiway Zulu and B9 was just completed and is not included in this project.)

The first project phase is rehabilitation of Runway 13R-31L, scheduled for construction in spring 2006. Phase 2 includes rehabilitation of the Bravo Taxiway, scheduled for summer 2007.

Why is this Needed?

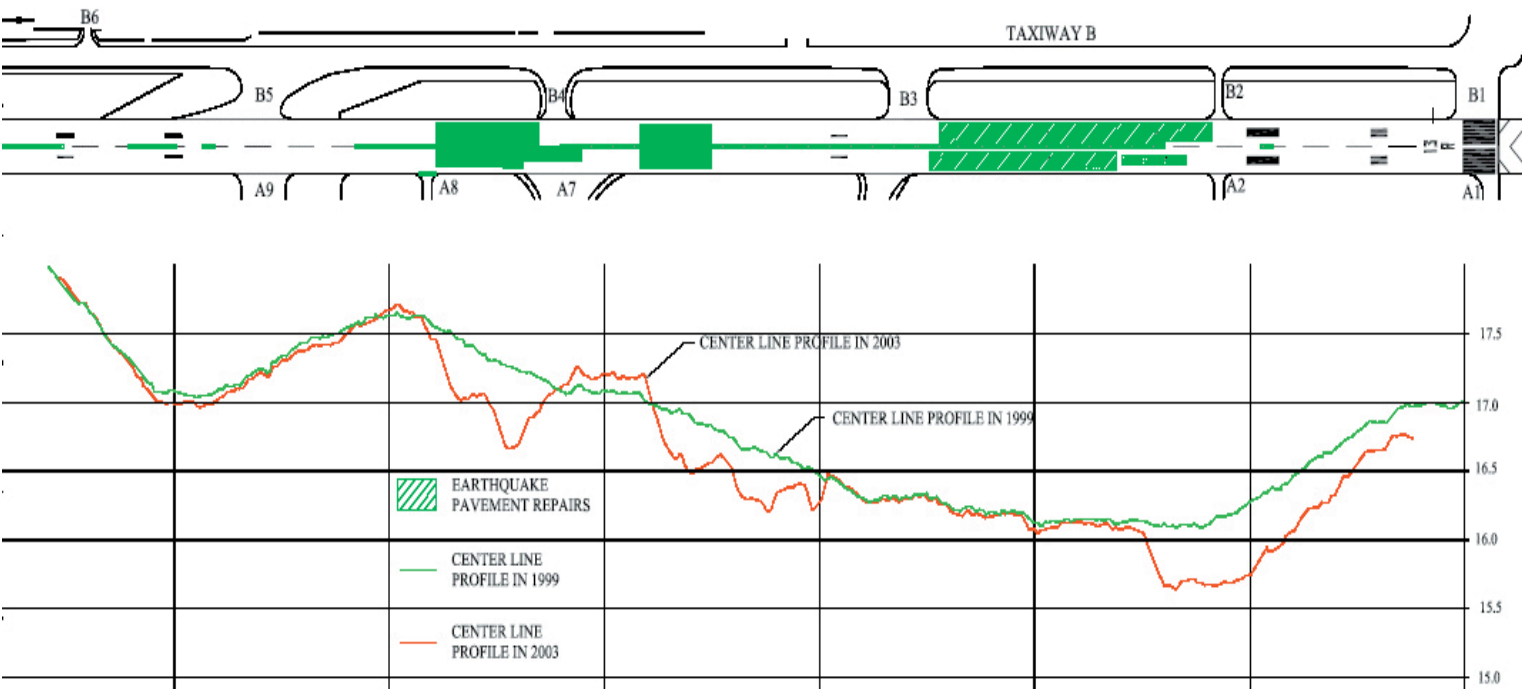
KCIA's primary runway experienced damage during the 2001 Nisqually Earthquake. The earthquake caused liquefaction of the sub-base soils resulting in cracks, subsidence of the pavement's surfaces, and changes to the longitudinal profile of the runway. In 2003, the Airport began to receive pilot complaints related to dips and depressions on the runway. Some of the more abrupt grade changes produced complications in the certification and testing of the landing gear of the Boeing 777-300 ER. In 2004, the Airport repaired some of the more abrupt grade deflections. However,



Existing pavement crack.

ongoing surveys found that settlement may be continuing. The settlement and pavement deterioration, if not addressed, would require maintenance repairs with increasing frequency and potentially increased runway and operational restrictions.

On May 13, 2005, KCIA received an FAA funding commitment for part of the rehabilitation cost.



This graphic shows the runway elevation profile. The red line marks the center line profile in 2003. The green line marks the centerline in 1999. Ongoing pavement settlement has continued after initial earthquake repairs.

Construction Information

Construction Schedule

The table to the right shows the anticipated Phase 1 project schedule. Once all tenant and user operational information is compiled, a construction phasing plan and associated project schedule will be prepared. Phase 2 construction will be addressed next year and is not included in this schedule.

What We Need From You:

To create a construction schedule that best addresses all tenant operational requirements, **we depend on your feedback to the questions in the enclosed survey.**

Please mail the survey back to us or bring it with you to the July 28th Open House. Project staff will be present to answer your questions. The Open House will start with a brief project presentation, at 9:00 a.m. in the morning and at 5:00 p.m. during the evening Open House.

The project team will work in partnership with airport tenants to determine a construction schedule to minimize overall impacts. KCIA's priority is to get the work done with minimal disruption. We have learned lessons from this year's construction, and we need to hear about your experience so that we can improve service and communication during next year's construction.

	2005							2006			
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Geotechnical Investigation											
Open House 1: Project Overview											
Pavement Design Analysis											
Compile Tenant Survey Feedback											
Draft Phasing Plan											
Open House 2: Review Phasing Plan											
Construction Mgmt Plan											
Approve Final Plans											
Project Bidding											
Open House 3: Construction Kickoff											
Construction Starts											

I heard it through the grapevine.....

You heard:

- The runway may be closed for 12 weeks

What you should know:

Runway closures have not been determined. The tenant feedback we receive through the surveys and at the open house will largely influence our construction approach and schedule. We will present up to three construction alternatives for tenant review at Open House 2 this fall. Make sure you fill out the enclosed survey to reflect your operational needs.

You heard:

- This project is needed to upgrade the runway for Southwest Airlines operations

What you should know:

This project is independent from SW Airlines' proposal to potentially move services to KCIA. Rehabilitation is needed to meet FAA requirements, avoid additional runway closures for pavement repairs, and improve safety.